Oil Fields

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 ***

SUMMARY OF OIL FIELDS, 1980
GAYLORD AREA

FIELD	PROD. FM.	PROD. WELLS	PRODUCTION IN BARRELS PER DAY OIL	BRINE TO FM.	BRINE TO PIT	BRINE TOTAL	DISPOSAL WELLS
ALLIS 17-33N-2E	Niag.	1 (1 SI)	0	0	0	0	
ALLIS 19-33N-2E	Niag.	2 (2 SI)	0	0	0	0	
ALLIS 29-33N-2E	Niag.	1 (1 SI)	0	0	0	0	
ATLANTA	D.R.	1	2	0	0	0	
BAGLEY 23-30N-3W	Niag.	2	32	224	0	224	1
BAGLEY 25-30N-3W	Niag.	1	48	22	0	22	
BAGLEY 25-30N-3W Pool A	Niag.	3	207	68	0	68	
BAGLEY 31-30N-3W	Niag.	2	424	.5	0	.5	
BAGLEY 35-30N-3W	Niag.	3	584	86	0	86	
BAGLEY 35-30N-3W Pool A	Niag.	1	271	1	0	1	
BELKNAP 17-34N-5E	Niag.	1 (1 SI)	0	0	0	0	
BELKNAP 21-34N-5E	Niag.	1 (1 SI)	0	0	0	0	
BELKNAP 34-34N-5E	Niag.	1 (1 SI)	0	0	0	0	
BISMARCK 12-34N-4E	Niag.	1 (1 SI)	0	0	0	0	
BLUE LAKE 1-28N-5W	Niag.	2 (1 SI) (1 WIW)	180	550	0	550	
BLUE LAKE 12-28N-5W	Niag.	2	26	0	0	0	
BLUE LAKE 13-28N-5W Pool A	Niag.	1	24	0	0	0	
BLUE LAKE 16-28N-5W	Niag.	2 (1 SI)	300	0	0	0	
BLUE LAKE 16-28N-5W Pool A	Niag.	2	115	23	0	23	
BLUE LAKE 17-28N-5W	Niag.	3	719	9	0	9	
BLUE LAKE 18-28N-5W	Niag.	3	900	0	0	0	
BLUE LAKE 19-28N-5W	Niag.	2	600	0	0	0	
BLUE LAKE 19-28N-5W Pool A	Niag.	1 (1 WIW)	14	55	0	55	
BLUE LAKE 19-28N-5W Pool B	Niag.	1	30	60	0	60	
BLUE LAKE 20-28N-5W	Niag.	1	225	45	0	45	
BLUE LAKE 23-28N-5W	Niag.	1	26	0	0	0	
BOARDMAN 6-26N-8W	Niag.	1	3	0	0	0	
CHARLTON 4-31N-1W	Niag.	2	253	40	0	40	
CHARLTON 4-31N-1W Pool A	Niag.	1	173	0	0	0	
CHARLTON 7-31N-1W	Niag.	4	434	9	0	9	
CHARLTON 9-30N-1W	Niag.	1 (1 WIW)	14	516	0	516	1
CHARLTON 9-31N-1W	Niag.	2	600	0	0	0	
CHARLTON 10-30N-1W	Niag.	1 (1 WIW)	139	490	0	490	
CHARLTON 12-30N-1W	Niag.	4 (1 SI)	328	0	0	0	
CHARLTON 24-30N-1W	Niag.	1	56	0	0	0	
CHARLTON 27-31N-1W	Niag.	5	529	5	0	5	
CHARLTON 28-31N-1W Pool A	Niag.	2	570	6	0	6	
CHARLTON 30-31N-1W	Niag.	2	415	2	0	2	
CHARLTON 31-31N-1W	Niag.	3	283	26	0	26	
CHARLTON 34-31N-1W	Niag.	3	397	19	0	19	
CHESTER 2-30N-2W	Niag.	4	264	48	0	48	
CHESTER 5-29N-2W	Niag.	1	292	0	0	0	
CHESTER 5-30N-2W	Niag.						1
CHESTER 5-30N-2W Pool A	Niag.	1	72	250	0	250	
CHESTER 6-30N-2W	Niag.	3	289	278	0	278	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

SUMMARY OF OIL FIELDS, 1980
GAYLORD AREA

FIELD	PROD. FM.	PROD. WELLS	PRODUCTION IN BARRELS PER DAY OIL	BRINE TO FM.	BRINE TO PIT	BRINE TOTAL	DISPOSAL WELLS
CHESTER 10-29N-2W	Niag.	3	5	0	0	0	
CHESTER 10-30N-2W	Niag.	1	8	0	0	0	
CHESTER 10-30N-2W Pool A	Niag.	2	216	231	0	231	1
CHESTER A-2 CARBONATE & BASAL NIAGARAN	A-2 carb.	1 (1 SI)	0	0	0	0	
CHESTER 16-30N-2W	Niag.	5	655	25	0	25	
CHESTER 18-30N-2W	Niag.	11 (6 WIW)	3,216	7,864	0	7,864	
CHESTER 19-30N-2W	Niag.	2	458	0	0	0	1
CHESTER 21-30N-2W	Niag.	4	566	0	0	0	1
CHESTER 30-30N-2W	Niag.	1	35	0	0	0	
CHESTER 34-30N-2W	Niag.	2	277	13	0	13	
COLDSPRINGS 14-28N-6W	Niag.	1	117	22	0	22	
COLDSPRINGS 18-28N-6W	Niag.	2 (1 SD)	23	94	0	94	
COLDSPRINGS 19-28N-6W	Niag.	4	209	78	0	78	
COLDSPRINGS 20-28N-6W	Niag.	2	294	85	0	85	
COLDSPRINGS 21-28N-6W	Niag.	1	35	2	0	2	
COLDSPRINGS 23-28N-6W	Niag.	2	81	252	0	252	
COLDSPRINGS 24-28N-6W	Niag.	1	69	168	0	168	1
COLDSPRINGS 24-28N-6W Pool A	Niag.	1	45	9	0	9	
COLDSPRINGS 25-28N-6W Pool A	Niag.	1	4	12	0	12	
COLDSPRINGS 28-28N-6W	Niag.	2	46	285	0	285	
COLDSPRINGS 28-28N-6W Pool A	Niag.	2	78	198	0	198	
COLDSPRINGS 29-28N-6W	Niag.	3	530	237	0	237	
COLDSPRINGS 30-28N-6W	Niag.	2	330	20	0	20	
COLDSPRINGS 32-28N-6W	Niag.	2	392	80	0	80	
DOVER 12-31N-2W	Niag.	1	128	266	0	266	
DOVER 22-31N-2W Pool A	Niag.	2	49	138	0	138	
DOVER 33-31N-2W	Niag.	3	159	424	0	424	
DOVER 35-31N-2W	Niag.	3	276	28	0	28	
DOVER 36-31N-2W	Niag.	3	274	124	0	124	1
FOREST 14-33N-1E	Niag.	4 (4 SI)	0	0	0	0	
FOREST 24-33N-1E	Niag.	2 (2 SI)	0	0	0	0	
FOREST 34-33N-1E	Niag.	1 (1 SI)	0	0	0	0	
FREDERIC 1-28N-4W	Niag.	2 (2SI)	0	0	0	0	
FREDERIC 2-28N-4W	Niag.	3 (1 SD)	297	0	0	0	
FREDERIC 4-28N-4W	Niag.	2	47	0	0	0	
FREDERIC 8-28N-4W	Niag.	2	388	0	0	0	
FREDERIC 10-28N-4W	Niag.	5 (2 SD) (3 WIW)	433	438	0	438	
FREDERIC 11-28N-4W	Niag.	3	816	0	0	0	
FREDERIC 16-28N-4W	Niag.	2 (1 SD)	260	0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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SUMMARY OF OIL FIELDS, 1980
GAYLORD AREA

FIELD	PROD. FM.	PROD. WELLS	PRODUCTION IN BARRELS PER DAY				DISPOSAL WELLS
			OIL	BRINE TO FM.	BRINE TO PIT	BRINE TOTAL	
FREDERIC 22-28N-4W	Niag.	2 (1 SD)	183	0	0	0	
HAYES 11-29N-4W	Niag.	4	392	88	0	88	1
HAYES 15-29N-4W	Niag.	2 (2 WIW)	1,836	47	0	47	
HAYES 21-29N-4W	Niag.	4 (1 SI)	694	0	0	0	1
HAYES 29-29N-4W	Niag.	3	648	401	0	401	1
HAYES 32-29N-4W	Niag.	3	182	53	0	53	
HAYES 34-29N-4W	Niag.	3 (1 SI)	358	0	0	0	
HAYES 36-29N-4W	Niag.	1	287	0	0	0	
KALKASKA 3-27N-7W	Niag.	1	8	20	0	20	
KALKASKA 3-27N-7W Pool A	Niag.	1	49	109	0	109	
KALKASKA 3-27N-7W Pool B	Niag.	1	10	75	0	75	
KALKASKA 5-27N-7W	Niag.	5	157	680	0	680	1
KALKASKA 7-27N-7W	Niag.	1	20	90	0	90	
KALKASKA 11-27N-7W	Niag.	1	60	0	0	0	
KALKASKA 12-27N-7W	Niag.	1	8	0	0	0	1
KALKASKA 16-27N-7W Pool B	Niag.	1	120	35	0	35	
KALKASKA 19-27N-7W	Niag.	1	64	1,815	0	1,815	1
KALKASKA 24-27N-7W	Niag.	1	1	0	0	0	
KALKASKA 1-27N-8W	Niag.						1
KALKASKA 10-27N-8W	Niag.	3	353	180	0	180	
KALKASKA 11-27N-8W	Niag.	1	147	165	0	165	
KALKASKA 12-27N-8W	Niag.	1	10	63	0	63	
KALKASKA 13-27N-8W	Niag.	1	128	0	0	0	
KALKASKA 20-27N-8W	Niag.	2	87	46	0	46	
KALKASKA 21-27N-8W	Niag.	5 (1 SD) (3 GIW)	894	0	0	0	
KALKASKA 24-27N-8W	Niag.	2	581	0	0	0	
KALKASKA 26-27N-8W	Niag.	1	42	8	0	8	
KALKASKA 28-27N-8W	Niag.	1 (1 SD)	0	0	0	0	1
KALKASKA 32-27N-8W	Niag.	1	1	7	0	7	
MANCELONA 25-29N-5W	Niag.	1	73	0	0	0	
MANCELONA 26-29N-5W	Niag.	1	74	0	0	0	1
MANCELONA 33-29N-5W	Niag.	2 (1 SI)	93	92	0	92	
MONTMORENCY 14-32N-1E	Niag.	1 (1 SI)	0	0	0	0	
NORTH ALLIS 29-35N-2E	Niag.	1 (1 SD)	0	0	0	0	1
OTSEGO LAKE 2-29N-3W	Niag.	1	341	0	0	0	
OTSEGO LAKE 3-29N-3W	Niag.	2	146	0	0	0	
OTSEGO LAKE 11-29N-3W	Niag.	3	412	0	0	0	
OTSEGO LAKE 20-29N-3W	Niag.	1 (1 SI)	0	0	0	0	
OTSEGO LAKE 24-29N-3W	Niag.	1	169	0	0	0	
OTSEGO LAKE 26-29N-3W	Niag.	1 (1 SI)	0	0	0	0	
OTSEGO LAKE 31-29N-3W	Niag.	1 (1 SI)	0	0	0	0	
OTSEGO LAKE 35-29N-3W	Niag.	3	257	2	0	2	
RAPID RIVER 24-28N-7W	Niag.	9	361	352	0	352	1
RAPID RIVER 24-28N-7W Pool A	Niag.	1	38	145	0	145	1

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

SUMMARY OF OIL FIELDS, 1980
GAYLORD AREA

FIELD	PROD. FM.	PROD. WELLS	PRODUCTION IN BARRELS PER DAY OIL	BRINE TO FM.	BRINE TO PIT	TOTAL	DISPOSAL WELLS
RAPID RIVER 27-28N-7W	Niag.	3	90	64	0	64	
RAPID RIVER 27-28N-7W Pool A	Niag.	4 (2 SD)	135	232	0	232	
RAPID RIVER 28-27N-7W	Niag.	0	0	0	0	0	1
RAPID RIVER 32-28N-7W	Niag.	6	572	624	0	624	
RAPID RIVER 33-28N-7W	Niag.	3	121	12	0	12	
RAPID RIVER 33-28N-7W Pool A	Niag.	2 (1 SI)	4	20	0	20	
TOTALS:		279 (132 F) (108 P) (28 SI) (11 SD) (14 WIW) (3 GIW)	30,860	19,350.5	0	19,350.5	21

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD ALLIS 17-33N-2E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well	Prod. Fm.	Oil P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY						
32126 State-Allis 1-17B	Niag.	Shut in awaiting market connection.				

TOTALS: 1 Producible Well
(1 Shut In)

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD ALLIS 19-33N-2E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
GETTY OIL COMPANY						
32607 State-Allis 1-19	Niag.	Shut in awaiting market connection.				
SHELL OIL COMPANY						
31966 State-Allis 2-19A	Niag.	Shut in awaiting market connection.				

TOTALS: 2 Producible Wells
(2 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD ALLIS 19-33N-2E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
GETTY OIL COMPANY						
32607 State-Allis 1-19	Niag.	Shut in awaiting market connection.				
SHELL OIL COMPANY						
31966 State-Allis 2-19A	Niag.	Shut in awaiting market connection.				

TOTALS: 2 Producible Wells
(2 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD ALLIS 29-33N-2E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
32616 State-Allis 1-29	Niag.						Shut in awaiting market connection.

TOTALS: 1 Producible Well
(1 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD ATLANTA (Sec. 15-30N-3E)
(Detroit River Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
WILLIAM G. HUEY							
1241 Geo. R. Cauffman 1	Det. Riv.	2	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		2		0	0	0	

REMARKS: Well flowed once per week. Used as domestic heating oil.

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BAGLEY 23-30N-3W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
MICH. CONS. GAS CO., RAM PETROLEUMS, INC., & PETROTECH, INC.							
29085 Alan L. Gornick 1-23	Niag.	25	P	100	0	100	Yule King Tree Corp. 1-15 BD
TOTAL LEONARD, INC. & SHAKESPEARE OIL CO., INC.							
30536 M.B.M., Inc. 1-22	Niag.	7	P	124	0	124	Yule King Tree Corp. 1-15 BD
TOTALS: 2 Producible Wells (2 Pumping)		32		224	0	224	

BRINE DISPOSAL WELL

TOTAL PETROLEUM, INC.

31653 Yule King Tree Corp. 1-15 (Traverse limestone)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BAGLEY 25-30N-3W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
28800	State-Bagley 2-25	Niag.	48	F	22	0	0	Chester "D" 2-; BDW
TOTALS:	1 Producible Well (1 Flowing)		48		22	0	0	

GEOLOGICAL SURVEY ** DNR ** LANSING, MI 48909 ** BOX 30028

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FIELD BAGLEY 25-30N-3W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
28799	State-Bagley 1-25	Niag.	42	F	8	0	8	Chester "D" 2-BDW
29159	State-Bagley "A" 3-25	Niag.	135	F	0	0	0	
MILLER BROTHERS								
30749	State-Bagley 4-25	Niag.	30	P	60	0	60	Koscielniak 1-BDW
TOTALS:	3 Producible Wells (2 Flowing, 1 Pumping)		207		68		68	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD BAGLEY 31-30N-3W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
31487 State-Bagley 2-31	Niag.	291	F	trace	0	trace	Horicon 2-12 D
31746 Brewer - State-Bagley 3-31	Niag.	133	P	.5	0	.5	Horicon 2-12 D
TOTALS: 2 Producible Wells (1 Pumping, 1 Flowing)		424		.5		.5	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD BAGLEY 35-30N-3W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29738	Geraldine 1-35	Niag.	182	F	2	0	2	Chester "D" 2-1 BDW
32008	Geraldine 3-35	Niag.	285	F	2	0	2	Chester "D" 2-1 BDW
SHELL OIL COMPANY								
30887	Styles 1-2A	Niag.	117	P	82	0	82	NML&O 1-22 BDW
TOTALS:	3 Producible Wells (2 Flowing, 1 Pumping)		584		86		86	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BAGLEY 35-30N-3W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
31806 Geraldine 2-35	Niag.	271	F	1	0	1	Chester "D" 2-; BDW
TOTALS: 1 Producible Well (1 Flowing)		271		1	0	1	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD BELKNAP 17-34N-5E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
MICHIGAN OIL COMPANY						
33255 Tosch-Molson 1-17	Niag.	Shut in awaiting market connection.				

TOTALS: 1 Producible Well
(1 Shut In)

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD BELKNAP 21-34N-5E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
31657 Berg-Brege Unit 1-21	Niag.	Shut in awaiting market connection.					

TOTALS: 1 Producible Well
(1 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BELKNAP 34-34N-5E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
31400 Taratuta et al 1-34 A	Niag.	Shut in awaiting market connection.					

TOTALS: 1 Producible Well
(1 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BISMARCK 12-34N-4E
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
31528 State-Bismarck - Fuhrman Unit "B" 1-12	Niag.						Shut in awaiting market connection.

TOTALS: 1 Producible Well
(1 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BLUE LAKE 1-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
28325 State-Blue Lake 2-1	Niag.	180	P	550	0	550	State-Blue Lake "B" 3-1 WIW
33895 State-Mancelona 1A-36	Niag.	Shut in awaiting market connection.					
TOTALS: 2 Producible Wells (1 Pumping, 1 Shut In)		180		550	0	550	
WATER INJECTION WELL							
29129 State-Blue Lake "B" 3-1							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD BLUE LAKE 12-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
28342	State-Blue Lake 1-12	Niag.	25	F	0	0	0	
33034	State-Blue Lake "M" 2-12	Niag.	1	F	0	0	0	
TOTALS:	2 Producible Wells (2 Flowing)		26		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BLUE LAKE 13-28N-5W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
32960 State-Blue Lake "F" 2-13	Niag.	24	P	0	0	0	
TOTALS: 1 Producible Well (1 Pumping)		24		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BLUE LAKE 16-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
31952	Simpson - State-Blue Lake "A" 1-16	Niag.	300	F	0	0	0	
33860	State-Blue Lake "C" 3-10	Niag.	Shut in awaiting market connection.					
TOTALS:	2 Producible Wells 1 Flowing, 1 Shut In)		300		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BLUE LAKE 16-28N-5W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
32989 State-Blue Lake "G" 5-17	Niag.	56	F	23	0	23	State-Blue Lake "G" 5-19 WIW
TOTAL PETROLEUM							
32723 Moriartey et al 1-16	Niag.	59	F	0	0	0	
TOTALS: 2 Producible Wells (2 Flowing)		115		23	0	23	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BLUE LAKE 17-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
31516 State-Blue Lake "G" 1-17	Niag.	149	F	2	0	2	State-Blue Lak "G" 5-19 WIW
31517 State-Blue Lake "G" 2-17	Niag.	270	F	2	0	2	State-Blue Lak "G" 5-19 WIW
SHELL OIL COMPANY							
31203 Hall-Hensley 1-17	Niag.	300	F	5	0	5	Kalkaska 2-12 I
TOTALS: 3 Producible Wells (3 Flowing)		719		9	0	9	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909
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FIELD BLUE LAKE 18-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
30162	State-Blue Lake "E" 1-18	Niag.	300	F	0	0	0	
31749	State-Blue Lake "E" 3-18	Niag.	300	F	0	0	0	
32316	State-Blue Lake "G" 4-17	Niag.	300	F	0	0	0	
TOTALS:	3 Producible Wells (3 Flowing)		900		0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD BLUE LAKE 19-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION							
29616 Ricci 1-19	Niag.	300	F	0	0	0	
32007 Ricci 3-19	Niag.	300	F	0	0	0	
TOTALS: 2 Producible Wells (2 Flowing)		600		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD BLUE LAKE 19-28N-5W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
30984	State-Blue Lake "G" 2-19	Niag.	14	F	55	0	55	State-Blue Lake "G" 5-19 WIW
TOTALS:	1 Producible Well (1 Flowing)		14		55	0	55	
WATER INJECTION WELL								
33451	State-Blue Lake "G" 5-19 WIW							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD BLUE LAKE 19-28N-5W Pool B
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
32532	Lachniet - State-Blue Lake 4-19	Niag.	30	F	60	0	60	State-Blue Lak "G" 5-19 WIW
TOTALS:	1 Producible Well (1 Flowing)		30		60	0	60	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD BLUE LAKE 20-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
32117	State-Blue Lake "G" 1-20	Niag.	225	F	45	0	45	State-Blue Lake "G" 5-19 WIW
TOTALS:	1 Producible Well (1 Flowing)		225		45	0	45	

GEOLOGICAL SURVEY BOX 30028 LANSING, MI 48909 *** MI DNR

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FIELD BLUE LAKE 23-28N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
31970	Richman - State-Blue Lake 1-23	Niag.	26	F	0	0	0	
TOTALS:	1 Producible Well (1 Flowing)		26		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD BOARDMAN 6-26N-8W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
29381 State-Boardman 1-6	Niag.	3	P	0	0	0	
TOTALS: 1 Producible Well (1 Pumping)		3		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHARLTON 4-31N-1W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
28006	State-Charlton 1-4	Niag.	72	F	40	0	40	Dover 1-36 BDW
28916	State-Charlton 2-4A	Niag.	181	F	0	0	0	
TOTALS:	2 Producible Wells (2 Flowing)		253		40	0	40	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHARLTON 4-31N-1W Pool A
(Niagaran Oil)

CONS 7220
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Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
28951 State-Charlton 1-5	Niag.	173	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		173		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHARLTON 7-31N-1W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29746	El Mac Hills Resort 1-7	Niag.	144	F	0	0	0	
30198	El Mac Hills 2-7	Niag.	164	F	0	0	0	
30951	El Mac Hills 3-7	Niag.	67	F	0	0	0	
33423	El Mac Hills 4-7	Niag.	59	F	9	0	9	Dover 1-36 BDI
TOTALS:	4 Producible Wells (4 Flowing)		434		9	0	9	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHARLTON 9-30N-1W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 ~~80~~

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
28821 Styles Real Estate 1-9	Niag.	14	P	516	0	516	Charlton 1-9 B
TOTALS: 1 Producible Well (1 Pumping)		14		516	0	516	

WATER INJECTION WELL

32837 Styles 5-9B WI

BRINE DISPOSAL WELL

34008 Charlton 1-9 BDW (Bois Blanc)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHARLTON 9-31N-1W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
SHELL OIL COMPANY								
28850	State-Charlton 1-9	Niag.	300	F	0	0	0	
29487	State-Charlton 2-9	Niag.	300	F	0	0	0	
TOTALS:	2 Producible Wells (2 Flowing)		600		0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY -
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FIELD CHARLTON 10-30N-1W
(Niagaran Oil)

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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
29527 Pontisso 2-10	Niag.	139	P	490	0	490	Charlton 1-9 BI
TOTALS: 1 Producible Well (1 Pumping)		139		490	0	490	
WATER INJECTION WELL							
32891 Pontisso 4-10A							

GEOLOGICAL SURVEY - MI DNR - BOX 30028 - LANSING, MI 48909
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FIELD CHARLTON 12-30N-1W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
33921	Black Cooley 2-11	Niag.	49	F	trace	0	trace	Kenney 3-22 BD
29438	Black-Cooley 1-12	Niag.	30	F	0	0	0	
29876	Weber-Briley 1-13	Niag.	Shut in awaiting market connection.					
33234	Weber-Briley 3-13	Niag.	249	F	0	0	0	
TOTALS:	4 Producible Wells (3 Flowing, 1 Shut In)		328		trace	0	trace	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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FIELD CHARLTON 24-30N-1W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
GREAT LAKES EXPLORATION CO.							
29202 Edward J. Hahn 1-24	Niag.	56	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		56		0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHARLTON 27-31N-1W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29099	State-Charlton 1-28	Niag.	74	P	0	0	0	
31031	State-Charlton - McKinley Unit 1-33	Niag.	300	F	trace	0	trace	State-Chester 2-25 BDW
SHELL OIL COMPANY								
29144	Plagens-Valek 1-28	Niag.	44	P	0	0	0	
29433	State-Charlton 1-27	Niag.	38	F	5	0	5	Dover 1-36 BDW
WOLVERINE GAS & OIL CO., INC.								
28755	Marstrand 1-27	Niag.	73	F	0	0	0	Koscielniak 1-9 BDW
TOTALS:	5 Producible Wells (3 Flowing, 2 Pumping)		529		5	0	5	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHARLTON 28-31N-1W Pool A
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
29956 State-Charlton "A" 2-28 Niag.		273	F	5	0	5	State-Chester " 2-25 BDW
32821 State-Charlton "A" 3-28 Niag.		297	F	1	0	1	State-Chester " 2-25 BDW
TOTALS: 2 Producible Wells (2 Flowing)		570		6	0	6	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHARLTON 30-31N-1W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
30203 State-Charlton "C" 2-30	Niag.	300	P	2	0	2	State-Chester 2-25 BDW
SHELL OIL COMPANY							
29989 State-Charlton 1-30	Niag.	115	P	trace	0	trace	Dover 1-36 BDW
TOTALS: 2 Producible Wells (2 Pumping)		415		2	0	2	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHARLTON 31-31N-1W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
32605 State-Charlton "C" 3-30	Niag.	16	F	1	0	1	State-Chester 2-25 BDW
SHELL OIL COMPANY							
29073 Salling-Hanson et al 1-31	Niag.	243	P	25	0	25	Kenney 3-22 BDW
31287 State-Charlton 2-30	Niag.	24	P	trace	0	trace	Dover 1-36 BDW
TOTALS: 3 Producible Wells (1 Flowing, 2 Pumping)		283	P	26	0	26	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHARLTON 34-31N-1W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
30772 Schollenberger - State-Charlton 2-3	Niag.	65	P	19	0	19	Dover 1-36 BDI
WOLVERINE GAS & OIL CO., INC.							
29792 Marstrand 1-34	Niag.	244	F	0	0	0	
32424 Donna von Ries-Marstrand 2-34	Niag.	88	F	0	0	0	
TOTALS: 3 Producible Wells (1 Pumping, 2 Flowing)		397		19	0	19	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHESTER 2-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
COLLINS BROTHERS OIL COMPANY								
29430	Carl Wolf 1-A	Niag.	200	P	18	0	18	Koscielniak 1-[illegible] BDW
29677	Carl Wolf 1-B	Niag.	20	P	14	0	14	Koscielniak 1-[illegible] BDW
29958	Carl Wolf 1-C	Niag.	20	P	15	0	15	Koscielniak 1-[illegible] BDW
MICHIGAN OIL COMPANY								
31646	Perry J, Cargas 1-2A	Niag.	24	P	1	0	1	Yule King Tree Corp. 1-15 BDW
TOTALS:	4 Producible Wells (4 Pumping)		264		48	0	48	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHESTER 5-29N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 ~~80~~

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
32157 State-Chester Unit "C" 1-5	Niag.	292	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		292		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHESTER 5-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
JERRY HASKIN TRUCKING, INC.							
BRINE DISPOSAL WELL							
29034 Frank Koscielniak 2-9 (Bois Blanc)							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHESTER 5-30N-2W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
STEVENSON OIL COMPANY								
30662	Piasecki-Edwards 1-5	Niag.	72	P	250	0	250	Koscielniak 1-BDW
TOTALS:	1 Producible Well (1 Pumping)		72		250	0	250	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHESTER 6-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
DELTA OIL COMPANY							
31515 John Piasecki - State- Chester 1-7	Niag.	40	P	194	0	194	Hauled to drilling rigs by Northern Tank Truck Service.
SHELL OIL COMPANY							
29067 Borowiak 1-6	Niag.	230	F	0	0	0	
29234 Borowiak 1-5	Niag.	19	P	84	0	84	Chester 1-19 DD
TOTALS: 3 Producible Wells (2 Pumping, 1 Flowing)		289		278	0	278	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHESTER 10-29N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY								
30097	State-Chester 1-10	Niag.	5	F	0	0	0	
32073	Harrelson - State-Chester 1-3A	Niag.	85	F	0	0	0	
32444	State-Chester 2-3	Niag.	127	F	0	0	0	
TOTALS:	3 Producible Wells (3 Flowing)		217		0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD CHESTER 10-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
WOODY'S OIL & GAS, INC.							
28618 Nickolas Nowicki 1	Niag.	8	P	0	0	0	
TOTALS: 1 Producible Well (1 Pumping)		8		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHESTER 10-30N-2W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29298	Butka 1-10	Niag.	191	P	86	0	86	Bleicher 2-10 E
32953	Bleicher 3-10	Niag.	25	P	145	0	145	Bleicher 2-10 E
TOTALS:	2 Producible Wells (2 Pumping)		216		231	0	231	

BRINE DISPOSAL WELL

29637 Bleicher 2-10 (Bois Blanc)

GEOLOGICAL SURVEY - DNR - BOX 30028 - LANSING, MI 48909
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FIELD CHESTER A-2 CARBONATE & BASAL NIAGARAN
(A-2 carbonate Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
MICHIGAN WISCONSIN PIPELINE COMPANY						
28191 Glen Marshel 1	A-2 carb.	Shut In				

TOTALS: 1 Producible Well
(1 Shut In)

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GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 ***
MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHESTER 16-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
MILLER BROTHERS								
28159	Gaylord Mtg. & Realty Co. et al 1	Niag.	270	P	20	0	20	Koscielniak 1-BDW
28511	Gaylord Mtg. & Williams Communitized 2-16	Niag.	20	P	5	0	5	Koscielniak 1-BDW
28796	Gaylord Mtg. & Realty & Humble Unit 3-16	Niag.	200	P	0	0	0	
SHELL OIL COMPANY								
28433	Martin G. Veraghen 4-21	Niag.	31	P	0	0	0	
28743	Veraghen-Rypkowski 5-21	Niag.	134	P	0	0	0	
TOTALS:	5 Producible Wells (5 Pumping)		655		25	0	25	

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*** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 ***

FIELD CHESTER 18-30N-2W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY								
28375	Jaruzel 1-18	Niag.	556	P	1946	0	1946	Chester 1-19 (
28593	Jaruzel 2-18	Niag.	268	P	359	0	359	" "
28516	Johnson-Mercenkowski 1-17	Niag.	214	P	505	0	505	" "
28709	Samkowiak-Vinecki 3-18	Niag.	53	P	423	0	423	" "
28815	Coviak-Condello 3-17	Niag.	238	P	1309	0	1309	" "
28797	Vinecki-Samkowiak 4-18	Niag.	347	P	201	0	201	
28840	Jaruzel-Dreffs 1-19	Niag.	267	P	1042	0	1042	" "
28924	Johnson 4-17	Niag.	201	P	931	0	931	" "
28925	Pewinski 5-18	Niag.	377	P	1070	0	1070	" "
29853	Benjamin W. Janye et al 1-8	Niag.	393	P	49	0	49	" "
30418	Pewinski 6-18	Niag.	302	P	29	0	29	" "
TOTALS:	11 Producible Wells (11 Pumping)		3216		7864		7864	

WATER INJECTION WELLS

28738 Henrickson-Dreffs 2-17
30680 Beck et al 1-7A
31415 Pewinski 2-19A
32509 Marcenkowski et al 5-17
32510 Samkowiak et al 8-18
32531 Jaruzel 7-18

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR

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FIELD CHESTER 19-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
28586 Blaise & Francis Pewinski 1-19	Niag.	300	F	0	0	0	
SHELL OIL COMPANY							
29653 State-Bagley 1-24	Niag.	158	P	0	0	0	
TOTALS: 2 Producible Wells (1 Pumping, 1 Flowing)		458		0	0	0	
BRINE DISPOSAL WELL							
SHELL OIL COMPANY							
32390 Chester 1-19 (Bois Blanc)							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD CHESTER 21-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
28089	James E. Donovan 1-21	Niag.	118	P	0	0	0	
28367	Michelson 3-21	Niag.	180	P	0	0	0	
28742	Veraghen 2-21	Niag.	144	P	0	0	0	
32277	Kenney et al 4-22	Niag.	124	P	0	0	0	
TOTALS:	4 Producible Wells (4 Pumping)		566		0	0	0	
BRINE DISPOSAL WELL								
28608	Kenney 3-22 (Amherstburg)							

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD CHESTER 30-30N-2W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
29544 State-Chester 3-30	Niag.	35	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		35		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD CHESTER 34-30N-2W
(Niagaran Oil)

CONS 7220
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Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
32335	State-Chester "E" 1-34	Niag.	102	F	0	0	0	
32563	State-Chester "L" 2-34	Niag.	175	F	13	0	13	Chester "D" 2-2 BDW
TOTALS:	2 Producible Wells (2 Flowing)		277		13	0	13	

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD COLDSPRINGS 14-28N-6W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
MILLER BROTHERS							
30684 Simpson - State et al 2-14	Niag.	117	P	22	0	22	Hauled by Kalkaska County Road Commission
TOTALS: 1 Producible Well (1 Pumping)		117		22	0	22	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD COLDSPRINGS 18-28N-6W
(Niagaran Oil)

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Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
GETTY OIL COMPANY							
30226 State-Coldsprings 1-7	Niag.	Shut down.					
MICHIGAN OIL COMPANY							
30178 H. F. Southwell 1-7	Niag.	23	P	94	0	94	Hauled to drilling rigs by Mi Well Service
TOTALS: 2 Producible Wells (1 Pumping, 1 Shut Down)		23		94	0	94	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY -

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FIELD COLDSPRINGS 19-28N-6W
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
28479	Simpson 4-19	Niag.	65	F	0	0	0	
29038	Simpson 1-25	Niag.	68	F	12	0	12	State-Rapid River "F" 1-2 BDW
29211	State-Rapid River 1-25	Niag.	31	F	1	0	1	State-Rapid River "F" 1-2 BDW
SHELL OIL COMPANY								
28484	State-Coldsprings 1-30	Niag.	45	F	65	0	65	State-Rapid River 1-24 BD
TOTALS:	4 Producible Wells (4 Flowing)		209		78	0	78	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909
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FIELD COLDSPRINGS 20-28N-6W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
29403 Wilbur 2-29	Niag.	190	F	5	0	0	Fawcett 1-24 B
28624 Yeulett 1	Niag.	104	F	80	0	80	Fawcett 1-24 B
TOTALS: 2 Producible Wells (2 Flowing)		294		85	0	85	

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FIELD COLDSPRINGS 21-28N-6W
(Niagaran Oil)

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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
MICHIGAN PETROLEUM EXPLORATION							
33893 Simpson 1-21.	Niag.	35	F	2	0	2	Hauled to drilling rigs and to Antrim County Road Commissio
TOTALS: 1 Producible Well (1 Flowing)		35		2	0	2	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909
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FIELD COLDSPRINGS 23-28N-6W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29888	State-Coldsprings - Simpson 1-23	Niag.	81	P	160	0	160	Fawcett 1-24 Bi
30711	Brown-Benezette 1-22	Niag.	0	P	92	0	92	Fawcett 1-24 Bi
TOTALS:	2 Producible Wells (2 Pumping)		81		252	0	252	

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD COLDSPRINGS 24-28N-6W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
31339 C.E. Fawcett Unit 2-24	Niag.	69	P	168	0	168	Fawcett 1-24 BI
TOTALS: 1 Producible Well (1 Pumping)		69		168	0	168	

BRINE DISPOSAL WELL

29618 Fawcett 1-24 BDW (Niagaran)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD COLDSPRINGS 24-28N-6W Pool A
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
33048	Fawcett - State-Coldsprings "A" 3A-24	Niag.	45	F	9	0	9	Fawcett 1-24 BI
TOTALS:	1 Producible Well (1 Flowing)		45		9	0	9	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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FIELD COLDSPRINGS 25-28N-6W Pool A
(Niagaran Oil)

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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
29086 Simpson "E" 2-25	Niag.	4	P	12	0	12	State-Blue Lak "G" 5-19 WI
TOTALS: 1 Producible Well (1 Pumping)		4		12	0	12	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD COLDSPRINGS 28-28N-6W
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
30024	Simpson "J" 1-28	Niag.	46	P	130	0	130	Fawcett 1-24 BI
32232	Simpson "U" 4-21	Niag.	0	P	155	0	155	Fawcett 1-24 BI
TOTALS:	2 Producible Wells (2 Pumping)		46		285	0	285	

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 ***

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FIELD COLDSPRINGS 28-28N-6W Pool A
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
31693	Simpson Unit "M" 2-28	Niag.	4	F	0	0	0	
32141	Simpson "T" 3-22	Niag.	74	P	198	0	198	Fawcett 1-24 B
TOTALS:	2 Producible Wells (1 Flowing, 1 Pumping)		78		198	0	198	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD COLDSPRINGS 29-28N-6W
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
31136	Simpson Unit "L" 2-29	Niag.	135	F	7	0	7	Fawcett 1-24 B
SHELL OIL COMPANY								
30790	State-Coldsprings 1-29	Niag.	250	P	120	0	120	Rapid River 1-BDW
SHELL-GETTY-MICHIGAN NATURAL RESOURCES								
31472	State-Coldsprings 2-29	Niag.	145	F	110	0	110	Rapid River 1-BDW
TOTALS:	3 Producible Wells (2 Flowing, 1 Pumping)		530		237	0	237	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD COLDSPRINGS 30-28N-6W
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29693	State-Coldsprings 2-30	Niag.	235	F	0	0	0	
30422	State-Coldsprings 3-30A	Niag.	95	F	20	0	20	Rapid River 1-; BDW
TOTALS:	2 Producible Wells (2 Flowing)		330		20	0	20	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD COLDSPRINGS 32-28N-6W
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
31274	Short - State Coldsprings 1-32	Niag.	157	F	40	0	40	Fawcett 1-24 B
32003	Sedwarft-LaFurgey Unit 4-29	Niag.	235	F	40	0	40	Fawcett 1-24 B
TOTALS:	2 Producible Wells (2 Flowing)		392		80	0	80	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD DOVER 12-31N-2W
(Niagaran Oil)

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Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY							
29780 Axford et ux 1-12	Niag.	128	F	266	0	266	Dover 1-36 BDW
TOTALS: 1 Producible Well (1 Flowing)		128		266	0	266	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD DOVER 22-31N-2W Pool A
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
DELTA OIL COMPANY								
31870	Clarence Blanzy-Betty J. Schrader 1-23	Niag.	12	F	0	0	0	
32411	E.R. Puthuff, G. H. Zinn & B. J. Schrader 2-23A	Niag.	37	F	138	0	138	Hauled to drilling rigs by Northern Tank Truck Service
TOTALS:	2 Producible Wells (2 Flowing)		49		138	0	138	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY
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FIELD DOVER 33-31N-2W
(Niagaran Oil)

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Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29565	Lawnichak-Myskier 1-33	Niag.	116	P	197	0	197	Dover 1-36 BDW
29781	Lawnichak-Myskier 3-33	Niag.	19	P	225	0	225	Dover 1-36 BDW
29809	Koblinski-Fisher 1-28	Niag.	24	P	2	0	2	Dover 1-36 BDW
TOTALS:	3 Producible Wells (3 Pumping)		159		424	0	424	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD DOVER 35-31N-2W
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29236	Salling-Hanson 1-35	Niag.	243	P	25	0	25	Dover 1-36 BDW
29374	Pomerzynski 2-35	Niag.	1	P	trace	0	trace	Dover 1-36 BDW
29995	Salling-Hanson Trust 4-35A	Niag.	32	P	3	0	3	Dover 1-36 BDW
TOTALS:	3 Producible Wells (3 Pumping)		276		28	0	28	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY -

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FIELD DOVER 36-31N-2W
(Niagaran Oil)

CONS 7220
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Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29235	Kubacki 1-36	Niag.	22	P	8	0	8	Dover 1-36 BDW
29303	Kubacki-Cole 2-26	Niag.	176	P	13	0	13	Dover 1-36 BDW
29348	Kubacki-State 3-35	Niag.	76	P	103	0	103	Dover 1-36 BDW
TOTALS:	3 Producible Wells (3 Pumping)		274		124	0	124	

BRINE DISPOSAL WELL

31220 Dover 1-36 BDW (Traverse-Dundee)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD FOREST 14-33N-1E
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
GETTY OIL COMPANY						
32230 State-Forest 1-24	Niag.	Shut in awaiting market connection.				
NORTHERN MICHIGAN EXPLORATION COMPANY						
32269 USA 1-13A	Niag.	Shut in awaiting market connection.				
SHELL OIL COMPANY						
31184 State-Forest 1-14	Niag.	Shut in awaiting market connection.				
32178 State-Forest 2-14	Niag.	Shut in awaiting market connection.				

TOTALS: 4 Producible Wells
(4 Shut In)

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR

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FIELD FOREST 24-33N-1E
(Niagaran Oil)

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Production at end of 19 ~~80~~

Well	Prod. Fm.	Oil P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
GETTY OIL COMPANY						
33892 State-Forest 2A-24	Niag.	Shut in awaiting market connection.				
SHELL OIL COMPANY						
33049 State-Forest 2-24A	Niag.	Shut in awaiting market connection.				

TOTALS: 2 Producible Wells
(2 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD FOREST 34-33N-1E
(Niagaran Oil)

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Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
TRAVERSE OIL COMPANY						
33015 National Bank of Detroit 1-34	Niag.	Shut in awaiting market connection.				

TOTALS: 1 Producible Well
(1 Shut In)

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD FREDERIC 1-28N-4W
(Niagaran Oil)

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Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY						
30067 Salling-Hanson 1-1	Niag.	Shut in awaiting market connection.				
31022 Talbot et al 1-6	Niag.	Shut in awaiting market connection.				

TOTALS: 2 Producible Wells
(2 Shut In)

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DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD FREDERIC 2-28N-4W
(Niagaran Oil)

CONS 7220
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Production at end of 19 ~~80~~

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29247	Wood 2-2	Niag.	217	F	0	0	0	
29971	State-Frederic 3-2	Niag.	Shut down.					
33121	Wood 6-2	Niag.	80	F	0	0	0	
TOTALS:	3 Producible Wells (2 Flowing, 1 Shut Down)		297		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD FREDERIC 4-28N-4W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY							
29605 Kerr 1-4	Niag.	24	P	0	0	0	
31083 Kerr et al 3-4	Niag.	23	F	0	0	0	
TOTALS: 2 Producible Wells (1 Pumping, 1 Flowing)		47		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD FREDERIC 8-28N-4W
(Niagaran Oil)

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Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29854	State-Frederic "B" 1-8	Niag.	200	F	0	0	0	
30235	State-Frederic "C" 2-8	Niag.	188	F	0	0	0	
TOTALS:	2 Producible Wells (2 Flowing)		388		0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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FIELD FREDERIC 10-28N-4W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
28489	Kerr 1-10	Niag.	Shut down.					
28852	Kerr 2-10	Niag.	Shut down.					
31789	Kerr 4-10	Niag.	78	F	0	0	0	
32023	Kerr 5-10	Niag.	167	F	0	0	0	
32040	Kerr 6-10	Niag.	188	P	438	0	438	NML&O 1-22 BDW
TOTALS:	5 Producible Wells (2 Flowing, 1 Pumping, 2 Shut Down)		433		438	0	438	

WATER INJECTION WELLS

33392 Kerr 7-10C WIW
33143 Kerr 8-10 WIW
33554 Kerr 9-10 WIW

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD FREDERIC 11-28N-4W
(Niagaran Oil)

CONS 7220
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Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY								
31021	Talbot-Wood 1-11	Niag.	247	F	0	0	0	
31387	Wood - State-Frederic 2-11	Niag.	237	F	0	0	0	
31644	Salling-Hanson-Newman-State-Frederic 3-11	Niag.	332	F	0	0	0	
TOTALS:	3 Producible Wells (3 Flowing)		816		0	0	0	

MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD FREDERIC 16-28N-4W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
30953 Fisher - State-Frederic 1-16	Niag.	Shut down.					
33421 State-Frederic - Fisher 2-16	Niag.	260	F	0	0	0	
TOTALS: 2 Producible Wells (1 Flowing, 1 Shut Down)		260		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD FREDERIC 22-28N-4W
(Niagaran Oil)

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Production at end of 19 ~~80~~

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
29071 State-Frederic 1-22	Niag.	Shut down.					
33613 SLate-Frederic 2-21	Niag.	183	F	0	0	0	
TOTALS: 2 Producible Wells (1 Flowing, 1 Shut Down)		183		0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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FIELD HAYES 11-29N-4W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
27677	Lake Horicon Corp. & L.J. Savage et al 1-11	Niag.	167	P	16	0	16	Horicon 2-12 BI
27802	Lake Horicon Corp. & L.J. Savage et al 1-12	Niag.	23	P	18	0	18	Horicon 2-12 BI
27822	Horicon-Savage et al 1-14	Niag.	60	P	44	0	44	Horicon 2-12 BI
30776	Horicon Corp. 2-1	Niag.	142	P	10	0	10	Horicon 2-12 BI
TOTALS:	4 Producible Wells (4 Pumping)		392		88	0	88	
BRINE DISPOSAL WELL								
27846	Lake Horicon Corp. & L.J. Savage et al 2-12 (Dundee)							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD HAYES 15-29N-4W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
29154 Lake Horicon Corp. 1-15	Niag.	908	P	21	0	21	NML&O 1-22 BDW
29302 Lake Horicon Corp. 2-15	Niag.	928	P	26	0	26	NML&O 1-22 BDW
TOTALS: 2 Producible Wells (2 Pumping)		1836		47	0	47	

WATER INJECTION WELLS

33245 Horicon WIW 6-15A

33139 Brewer-Horicon WIW 4-15

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909
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FIELD HAYES 21-29N-4W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
28819	No. Mich. Land & Oil Co. 1-21	Niag.	285	P	0	0	0	
29012	No. Mich. Land & Oil Co. 2-21	Niag.	106	P	0	0	0	
29735	No. Mich. Land & Oil Co. 3-21	Niag.	303	P	0	0	0	
34015	No. Mich. Land & Oil Co. 4-21	Niag.	Shut in awaiting market connection.					
TOTALS:	4 Producible Wells (3 Pumping, 1 Shut In)		694		0	0	0	

BRINE DISPOSAL WELL

29060 No. Mich. Land & Oil Co. 1-22 (Detroit River)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD HAYES 29-29N-4W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29713	No. Mich. Land & Oil Co. 3-29	Niag.	262	P	0	0	0	
29700	No. Mich. Land & Oil Co. 2-29	Niag.	212	P	283	0	283	NML&O 5-29 BDW
33212	No. Mich. Land & Oil Co. 4-29A	Niag.	174	P	118	0	118	NML&O 5-29 BDW
TOTALS:	3 Producible Wells (3 Pumping)		648		401		401	

BRINE DISPOSAL WELL

33040 No. Mich. Land & Oil Co. 5-29 (Bois Blanc-Dundee)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD HAYES 32-29N-4W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
MICHIGAN OIL COMPANY								
28886	R.G. Earls (Annear-State) 1-32	Niag.	50	P	33	0	33	Yule King Tree Corp. 1-15 BDW
MILLER BROTHERS								
29934	Nakkula 1-31	Niag.	32	P	20	0	20	Koscielniak 1-[illegible] BDW; hauled to drilling rigs; Antrim County Road Commissio[illegible]
SHELL OIL COMPANY								
29207	No. Mich. Land & Oil Co. 1-29	Niag.	100	P	0	0	0	
TOTALS:	3 Producible Wells (3 Pumping)		182		53		53	

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GEOLOGICAL SURVEY BOX 30028 LANSING, MI 48909 *** MI DNR

FIELD HAYES 34-29N-4W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
29732	No. Mich. Land & Oil Co. 1-27	Niag.	8	P	0	0	0	
29609	State-Hayes - Monitor Sugar 1-34	Niag.	350	P	0	0	0	
34203	No. Mich. Land & Oil Co. 2-27B	Niag.	Shut in awaiting market connection.					
TOTALS:	3 Producible Wells (2 Pumping, 1 Shut In)		358		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD HAYES 36-29N-4W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY							
30985 State-Hayes 1-36	Niag.	287	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		287		0	0	0	

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GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 ***
MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 3-27N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
29383 Shemo 1-3	Niag.	8	F	20	0	20	State-Rapid Riv "F" 1-23 BDW
TOTALS: 1 Producible Well (1 Flowing)		8		20	0	20	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 3-27N-7W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
32945 State-Kalkaska "H" 1-3	Niag.	49	F	109	0	109	State-Rapid Riv "F" 1-23 BDW
TOTALS: 1 Producible Well (1 Flowing)		49		109	0	109	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD KALKASKA 3-27N-7W Pool B
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
31522 State-Kalkaska 1-3	Niag.	10	P	75	0	75	State-Kalkaska 2-12 BDW
TOTALS: 1 Producible Well (1 Pumping)		10		75	0	75	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 5-27N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
McCLURE OIL COMPANY								
28627	Seeley Cook 5-5	Niag.	1	P	45	0	45	Hauled to drilling rigs and to Antrim County Road Commissio
SHELL OIL COMPANY								
28131	State-Kalkaska 1-5	Niag.	5	P	10	0	10	Davenport 4-5
28678	State-Kalkaska 2-5	Niag.	90	P	375	0	375	Davenport 4-5
28943	Rice 3-5	Niag.	60	F	200	0	200	Davenport 4-5
29096	State-Kalkaska 5-5	Niag.	1	P	50	0	50	Davenport 4-5
TOTALS:	5 Producible Wells (4 Pumping, 1 Flowing)		157		680	0	680	

BRINE DISPOSAL WELL

SHELL OIL COMPANY

29057 Davenport 4-5 BDW (Traverse limestone)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD KALKASKA 7-27N-7W
(Niagaran Oil)

CONS 7220
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Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY								
28810	State-Kalkaska 1-7	Niag.	20	P	90	0	90	Davenport 4-5
TOTALS:	1 Producible Well (1 Pumping)		20		90	0	90	

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FIELD KALKASKA 11-27N-7W
(Niagaran Oil)

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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
32488 State-Kalkaska 1-11	Niag.	60	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		60		0	0	0	

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FIELD KALKASKA 12-27N-7W
(Niagaran Oil)

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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
28967 Cross 1-12	Niag.	8	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		8		0	0	0	
BRINE DISPOSAL WELL							
30425 State-Kalkaska 2-12 BDW (Dundee)							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 16-27N-7W Pool B
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
SHELL OIL COMPANY							
32789 Holcomb - State-Kalkaska Niag. et al 1-16		120	F	35	0	35	State-Kalkaska 2-12 BDW
TOTALS: 1 Producible Well (1 Flowing)		120		35	0	35	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 19-27N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
29841 State-Kalkaska "M" 2-19 Niag.		64	P	1815	0	1815	State-Kalkaska 1-19A BDW
TOTALS: 1 Producible Well (1 Pumping)		64		1815	0	1815	
BRINE DISPOSAL WELL							
31177 State-Kalkaska 1-19A (Detroit River)							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 24-27N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
30012 Rosenberg 1-24	Niag.	1	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		1		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD KALKASKA 1-27N-8W
(Niagaran Oil)

CONS 7220
Rev. 10/63

* Production at end of 19 ~~80~~

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation

AMOCO PRODUCTION COMPANY

BRINE DISPOSAL WELL

33612 State-Kalkaska "R" 1-1 (Traverse limestone)

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD KALKASKA 10-27N-8W
(Niagaran Oil)

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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
NORTHERN MICHIGAN EXPLORATION COMPANY								
31983	State-Kalkaska 1-10	Niag.	194	F	33	0	33	State-Kalkaska 2-28 BDW
32778	State-Kalkaska 1-16A	Niag.	73	F	123	0	123	State-Kalkaska 2-28 BDW
PATRICK PETROLEUM CORPORATION OF MICHIGAN								
32840	Coe-McClintic 2-9A	Niag.	86	F	24	0	24	State-Kalkaska 2-28 BDW
TOTALS:	3 Producible Wells (3 Flowing)		353		180	0	180	

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GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 11-27N-8W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
NORTHERN MICHIGAN EXPLORATION COMPANY							
32420 Dorothy Broadwell-Donna Hulsapple et al 1-11A	Niag.	147	F	165	0	165	State-Kalkaska 2-28 BDW
TOTALS: 1 Producible Well (1 Flowing)		147		165	0	165	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD KALKASKA 12-27N-8W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
33088 State-Kalkaska "R" 3-12 Niag.		10	P	63	0	63	State-Kalkaska 1-1 BDW
TOTALS: 1 Producible Well (1 Pumping)		10		63	0	63	

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

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FIELD KALKASKA 13-27N-8W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
NORTHERN MICHIGAN EXPLORATION COMPANY							
29016 State-Kalkaska "D" 1-13	Niag.	128	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		128		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD KALKASKA 20-27N-8W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
NORTHERN MICHIGAN EXPLORATION COMPANY								
30473	USA-Kalkaska 1-20	Niag.	30	P	25	0	25	State-Kalkaska 2-28 BDW
31211	State-Kalkaska 2-19B	Niag.	57	P	21	0	21	State-Kalkaska 2-28 BDW
TOTALS: 2 Producible Wells (2 Pumping)			87		46	0	46	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD KALKASKA 21-27N-8W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
NORTHERN MICHIGAN EXPLORATION COMPANY								
28403	State-Kalkaska 1-21	Niag.	307	F	0	0	0	
28676	State-Kalkaska 1-22	Niag.	300	F	0	0	0	
28843	State-Kalkaska 3-22	Niag.	80	F	0	0	0	
29304	State-Kalkaska 3-28	Niag.	Shut down.					
30265	State-Kalkaska 4-22	Niag.	207	F	0	0	0	
TOTALS: 5 Producible Wells (4 Flowing, 1 Shut Down)			894		0	0	0	

GAS INJECTION WELLS

28721 State-Kalkaska 2-22
28811 State-Kalkaska 1-28
32507 State-Kalkaska 1-15A

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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FIELD KALKASKA 24-27N-8W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29239	State-Kalkaska "F" 1-24	Niag.	290	F	0	0	0	
33112	State-Kalkaska "F" 2-24	Niag.	291	F	0	0	0	
TOTALS:	2 Producible Wells (2 Flowing)		581		0	0	0	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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FIELD KALKASKA 26-27N-8W
(Niagaran Oil)

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Rev. 10/63

Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
29263 State-Kalkaska "G" 1-26	Niag.	42	F	8	0	8	Rapid River "F" 1-23 BDW
TOTALS: 1 Producible Well (1 Flowing)		42		8	0	8	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD KALKASKA 28-27N-8W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
ROVSEK-MUSKEGON-MILLER BROTHERS						
28657 Schoch 1	Niag.	Shut down.				

TOTALS: 1 Producible Well
(1 Shut Down)

BRINE DISPOSAL WELL

NORTHERN MICHIGAN EXPLORATION COMPANY

29305 State-Kalkaska 2-28 (Traverse limestone)

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 ***

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FIELD KALKASKA 32-27N-8W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY							
30124 State-Kalkaska "L" 1-32	Niag.	1	P	7	0	7	RAPID RIVER "F" 1-23 BDW
TOTALS: 1 Producible Well (1 Pumping)		1		7	0	7	

BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

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FIELD MANCELONA 25-29N-5W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
29254 State-Mancelona 2-25	Niag.	73	P	0	0	0	
TOTALS: 1 Producible Well (1 Pumping)		73		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD MANCELONA 26-29N-5W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
29019 State-Mancelona 1-26	Niag.	74	P	0	0	0	
TOTALS: 1 Producible Well (1 Pumping)		74		0	0	0	

BRINE DISPOSAL WELL

31210 State-Mancelona 1-26 BDW (Traverse limestone)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD MANCELONA 33-29N-5W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29718	State-Mancelona "B" 1-33	Niag.	Shut in awaiting market connection.					
31293	State-Mancelona "B" 3-33	Niag.	93	F	92	0	92	State-Blue Lak "G" 5-19 Niagai WIW
TOTALS:	2 Producible Wells (1 Flowing, 1 Shut In)		93		92	0	92	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD MONTMORENCY 14-32N-1E
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
NORTHERN MICHIGAN EXPLORATION COMPANY						
32222 Canada Creek Ranch Association-Herzog 1-14	Niag.	Shut in awaiting market connection.				

TOTALS: 1 Producible Well
(1 Shut In)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD NORTH ALLIS 29-35N-2E
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
COOK BROTHERS & LANPHAR OIL & GAS CORP.							
27576 Donald Drasey 1	Niag.	Shut down.					

TOTALS: 1 Producible Well
(1 Shut Down)

BRINE DISPOSAL WELL

27199 Donald E. Draysey 1 BDW (Niagaran)

REMARKS: This well is capable of producing about 1 BOPD and 400 BWPD. The well is operated during the summer months by the Presque Isle County Road Commission. Produced brine is used for dust abatement.

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD OTSEGO LAKE 2-29N-3W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
31989 Styles 2-2	Niag.	341	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		341		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD OTSEGO LAKE 3-29N-3W
(Niagaran Oil)

CONS 7220
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Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
28820	Earl E. Styles 1-10	Niag.	84	F	0	0	0	
33444	State-Otsego Lake 1A-3	Niag.	62	F	trace	0	trace	Chester "D" 2-2 BDW
TOTALS:	2 Producible Wells (2 Flowing)		146		trace	0	trace	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD OTSEGO LAKE 11-29N-3W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
31392	State-Otsego Lake "B" 1-11	Niag.	151	P	0	0	0	
SHELL OIL COMPANY								
32252	Styles - State-Otsego Lake 2-11	Niag.	233	F	0	0	0	
32956	State-Otsego Lake 1-11B	Niag.	28	P	8	0	8	NML&O 1-22 BDW
TOTALS:	3 Producible Wells (2 Pumping, 1 Flowing)		412		8	0	8	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

... OTSEGO LAKE 20-29N-3W
(Niagaran Pin)

OCS 7-20
Rev. 10/69

Instructions effective as of 19 80

Well	Prod. Mo.	Oil B/P	To Mo.	Gas MCF To Pur.	Total	Disposal Well and Formation

SHELL OIL COMPANY

32032 Palombit et al 1-29A Niag. Shut in awaiting market connection.

TOTALS: 1 Producible Well
(1 Shut In)

LANSING, MI 48909 - BOX 30028 - GEOLOGICAL SURVEY - DNR

FIELD OTSEGO LAKE 24-29N-3W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
SHELL OIL COMPANY							
31727 State-Otsego Lake - Viking Club 2-24B	Niag.	169	F	0	0	0	
TOTALS: 1 Producible Well (1 Flowing)		169		0	0	0	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD OTSEGO LAKE 26-29N-3W
(Niagaran Oil)

CONS 7220
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Production at end of 1980

Well	Prod. Fm.	Oil P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
PATRICK PETROLEUM CORPORATION						
30408 State-Otsego Lake 1-26A	Niag.					Shut in awaiting market connection.

TOTALS: 1 Producible Well
(1 Shut In)

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 - DNR

FIELD OTSEGO LAKE 31-29N-3W
(Niagaran Oil)

CONS 7220
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Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
31246 State-Otsego Lake 1-31 Niag.	Shut in awaiting market connection.						

TOTALS: 1 Producible Well
(1 Shut In)

GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909 ***

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FIELD OTSEGO LAKE 35-29N-3W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY								
31169	State-Otsego Lake et al 1-35	Niag.	35	F	0	0	0	
32360	Cuca - State-Otsego Lake et al 1-34	Niag.	141	F	0	0	0	
32848	State-Otsego Lake - Arndt 2-35	Niag.	81	F	2	0	2	Kenney 3-22 BDW
TOTALS:	3 Producible Wells (3 Flowing)		257		2	0	2	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD RAPID RIVER 24-28N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
28230	State-Rapid River 1-24	Niag.	35	F	27	0	27	State-Rapid Ri "F" 1-23 BDW
28309	Eckfeld 1-25	Niag.	43	F	45	0	45	State-Rapid Ri "F" 1-23 BDW
28383	State-Rapid River "C" 1-26	Niag.	36	F	112	0	112	State-Rapid Ri "F" 1-23 BDW
32212	Simpson "P" 3A-19	Niag.	47	F	0	0	0	
29226	State-Coldsprings "B" 1-19A	Niag.	31	F	0	0	0	
SHELL OIL COMPANY								
28388	State-Rapid River 1-24	Niag.	25	F	5	0	5	Rapid River 1- BDW
29477	State-Rapid River 4-24	Niag.	16	F	55	0	55	Rapid River 1- BDW
28439	Spencer 2-24	Niag.	88	F	18	0	18	Rapid River 1- BDW
33755	STate-Rapid River 2-26	Niag.	40	F	90	0	90	Rapid River 1- BDW
TOTALS: 9 Producible Wells (9 Flowing)			361		352	0	352	

BRINE DISPOSAL WELL

SHELL OIL COMPANY

31189 Rapid River 1-24 (Traverse limestone)

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD RAPID RIVER 24-28N-7W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
28926 Waier 3-24	Niag.	38	P	145	0	145	Rapid River 1-2 BDW
TOTALS: 1 Producible Well (1 Pumping)		38		145	0	145	

BRINE DISPOSAL WELL

AMOCO PRODUCTION COMPANY

29094 State-Rapid River "F" 1-23 BDW (Detroit River)

GEOLOGICAL SURVEY BOX 30028 LANSING, MI 48909 *** MI DNR

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FIELD RAPID RIVER 27-28N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29244	Hill Finsterwald 1	Niag.	68	F	64	0	64	State-Rapid Ri "F" 1-23 BDW
SHELL OIL COMPANY								
29538	Flook 1-26	Niag.	5	F	0	0	0	
29394	Curtis - State-Rapid River 2-27	Niag.	17	P	0	0	0	
TOTALS:	3 Producible Wells (2 Flowing, 1 Pumping)		90		64	0	64	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD RAPID RIVER 27-28N-7W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 1980

Well		Prod. Fm.	Oil	P/F	Prine To Fm.	Prine To Pit	Prine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
29015	State-Rapid River "D" 1-27	Niag.	Shut down.					
29484	Simpson "F" 1-27	Niag.	29	P	20	0	20	State-Rapid Ri "F" 1-23 BDW
29582	State-Raybourn 1-34	Niag.	106	F	212	0	212	State-Rapid Ri "F" 1-23 BD
SHELL OIL COMPANY								
28892	Curtis 1-27	Niag.	Shut down.					
TOTALS:	4 Producible Wells (1 Flowing, 1 Pumping 2 Shut Down)		135		232	0	232	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD RAPID RIVER 28-28N-7W
(Brine Disposal Well)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well	Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
SHELL OIL COMPANY							
BRINE DISPOSAL WELL							
30571 Dorman et al 2-28 BDW (Traverse limestone)							

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD RAPID RIVER 32-28N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
32872	State-Rapid River "J" 1-28	Niag.	52	F	54	0	54	State-Rapid Ri "F" 1-23 BDW
SHELL OIL COMPANY								
29344	State-Rapid River 1-32	Niag.	250	P	350	0	350	Davenport 4-5
29628	Seeley 2-32	Niag.	100	P	100	0	100	Davenport 4-5
29583	Broe - State-Rapid River 3-32	Niag.	100	P	70	0	70	Davenport 4-5
30142	Simpson 1-29	Niag.	35	P	30	0	30	Davenport 4-5
SHELL OIL COMPANY-NORTHERN MICHIGAN EXPLORATION COMPANY-MILLER BROTHERS								
29889	Tralles 4-32	Niag.	35	P	20	0	20	Davenport 4-5
TOTALS:	6 Producible Wells (1 Flowing, 5 Pumping)		572		624	0	624	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY - BOX 30028 - LANSING, MI 48909

FIELD RAPID RIVER 33-28N-7W
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Brine To Fm.	Brine To Pit	Brine Total	Disposal Well and Formation
AMOCO PRODUCTION COMPANY								
28429	State-Rapid River "B" 1-33	Niag.	26	F	2	0	2	State-Rapid Ri "F" 1-23 BDW
SHELL OIL COMPANY								
28784	State-Groff 2-33	Niag.	35	F	5	0	5	Davenport 4-5
28889	Beam-State 4-33	Niag.	60	F	5	0	5	Davenport 4-5
TOTALS:	3 Producible Wells (3 Flowing)		121		12	0	12	

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BOX 30028 - LANSING, MI 48909 *** MI DNR - GEOLOGICAL SURVEY

FIELD RAPID RIVER 33-28N-7W Pool A
(Niagaran Oil)

CONS 7220
Rev. 10/63

Production at end of 19 80

Well		Prod. Fm.	Oil	P/F	Prime To Fm.	Prime To Pit	Prime Total	Disposal Well and Formation
SHELL OIL COMPANY								
28780	State-Groff 1-33	Niag.	4	F	20	0	20	Davenport 4-5 I
28899	State-Rapid River 3-33	Niag.	Shut down.					
TOTALS:	2 Producible Wells (1 Flowing, 1 Shut Down)		4		20	0	20	

GEOLOGICAL SURVEY ** BOX 30028 ** LANSING, MI 48909 ***